

# PATENT SPECIFICATION

295,809



Application Date: July 11, 1927. No. 18,469/27.

Complete Left: April 10, 1928.

Complete Accepted: Aug. 23, 1928.

## PROVISIONAL SPECIFICATION.

### Improvements in or relating to Suspenders for Socks and the like.

I, ERNEST EDWARD RIGOLD, British subject, of Rushbourne, High Halden, Ashford, Kent, do hereby declare the nature of this invention to be as follows:—

5 This invention relates to suspenders for socks and the like and has for its chief object to provide an improved suspender which is comfortable to wear simple in construction and more easily applied removed and adjusted than suspenders at present in use.

10 With this end in view a feature of the improved suspender according to the present invention resides in the fact that the leg-embracing portion and the supporting portion for the sock grip are so interconnected that the suspender is readily adapted for use with socks of different lengths, the said portions being preferably constituted by a single continuous elastic band or strap.

15 A further feature of the present invention resides in improved means for connecting and disconnecting the ends of the leg-embracing portion, such means being preferably integral with the inter-connecting device between the leg-embracing portion and the sock-grip supporting portion.

20 In one embodiment of the invention the leg-embracing portion of the suspender and the supporting portion for the sock grip are formed of a single band or strap of fabric preferably elastic as aforesaid and guided through slits in a member composed of celluloid or other suitable material to enable the length of the supporting portion for the sock grip to be increased or diminished as desired.

25 The guiding member is also formed or provided with means whereby one end of

the leg-embracing portion can be attached to and released from said means, the latter being preferably a mere finger or hook over which a loop of the elastic fabric can be slipped.

30 Preferably the slits in the aforesaid member are horizontal diagonal and vertical and one edge of each slit is bevelled to enable the band to slide easily through them. In passing from the horizontal slit to the vertical one by way of the diagonal one the band is in effected folded back upon itself at forty-five degrees. The above mentioned finger or hook is preferably alongside the diagonal slit in the guide member which may conveniently be approximately triangular in shape.

35 For the purpose of permitting the leg-embracing portion to be suitably adjusted in length so as to tightly engage the leg, a slide buckle is provided having preferably three slits dividing the buckle into four bars the band being guided through two of said slits and the end of the band being passed through the other slit and thereafter secured as by sewing to the adjacent end bar to form a loop for engagement with the finger or hook on the aforesaid guide member to secure the suspender in position on the leg as above described.

40 The sock gripping device may be of any usual construction.

Dated the 11th day of July, 1927.

For E. E. RIGOLD,  
White, Langner, Stevens & Parry,  
Chartered Patent Agents,  
Jessel Chambers, 88—90, Chancery Lane,  
London, W.C. 2, and  
17, John Street, New York, U.S.A.

## COMPLETE SPECIFICATION.

### Improvements in or relating to Suspenders for Socks and the like.

I, ERNEST EDWARD RIGOLD, British subject, of Rushbourne, High Halden, Ashford, Kent, do hereby declare the nature of this invention and in what [Price 1/-]

80 manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—  
This invention relates to suspenders for

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socks and the like and has for its chief object to provide an improved suspender which is comfortable to wear simple in construction and more easily applied removed and adjusted than suspenders at present in use.

The type of suspender to which the present invention relates is one in which the leg embracing portion and the supporting portion for the sock grip are in the form of a continuous band of suitable material such as elastic guided through slots in a guide plate or pad. In such suspenders the guide plate has been formed of rectangular shape and provided with three triangularly arranged slots two being parallel respectively with the top horizontal edge and one vertical edge of the plate and the third diagonally disposed, the plate having also a downwardly projecting finger alongside the other vertical edge of the plate for receiving a looped end of the band which is attached near its outer end to the plate by being passed through the slots.

According to the present invention the guide plate is of substantially right-angular form with a basic horizontal edge a substantially vertical edge and a diagonal edge and has a slot alongside each edge and a projecting finger extending upwardly from the acute-angled corner of the basic edge, the band passing from the sock grip first through the horizontal slot, then through the diagonal slot and thereafter through the vertical slot whence it passes when in use around the user's leg to the aforesaid projecting finger.

The guiding plate can be made of any suitable material such as celluloid for example and the slots therein may be so formed that the length of the supporting portion of the sock can be easily increased or diminished as desired to readily adapt the suspender for use with socks of different lengths and at the same time prevent the band from slipping when the suspender is in use.

In order that the invention may be clearly understood reference will now be made to the accompanying drawing wherein a preferred embodiment is illustrated by way of example.

Figure 1 illustrates a complete suspender.

Figure 2 is a face view and Figure 3 an edge view of the guide plate.

Referring to the drawings the reference numeral 1 indicates the leg embracing portion of the band of fabric which is preferably of elastic material and is formed in one with the supporting portion 2 for the sock grip 3.

The band or strap is threaded through

three slots 4, 5 and 6 provided in a substantially triangular shaped guide plate 7 and one end of said band is formed as a loop 8.

For the purpose of retaining the suspender in position on the leg, the plate 7 is provided with an upwardly projecting finger 9 over which the loop 8 is passed the end 10 of the finger 9 extending inwards to form a throat hook so as to prevent the loop 8 from slipping out of position.

To adjust the suspender for use with socks of different lengths it is only necessary to pull the portion 2 through the slots the desired amount after which the suspender can be placed in position on the leg and the loop 8 passed over the finger 9.

For the purpose of permitting the leg embracing portion 1 to be suitably adjusted in length so as to tightly engage the leg a slide buckle 11 of usual shape is provided the band being passed through slots 12 and 13 in the buckle 11 and the end of the band attached to a rib 14 between the said slots.

In forming the slots 4, 5 and 6 it is preferable to position them so that the angle between the slots 4 and 6 is slightly less than a right angle whilst that between the slots 4 and 5 is approximately 45°. One edge of each slot may be bevelled to enable the band to slide easily therethrough.

The band in passing from slot 4 to slot 6 is in effect folded back upon itself at forty-five degrees as indicated in Fig. 1.

The sock gripping device 3 may be of any usual construction.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A sock suspender in which the guide plate for the leg embracing band terminating in a sock-grip is of substantially right-angular form with a basic horizontal edge a substantially vertical edge and a diagonal edge and has a slot alongside each edge and a projecting finger extending upwardly from the acute-angled corner of the basic edge the band passing from the sock grip first through the horizontal slot, then through the diagonal slot and thereafter through the vertical slot, whence it passes when in use around the user's leg to the aforesaid projecting finger.

2. A sock suspender according to Claim 1 wherein the free end of the finger projects inwards as a throat hook for the purpose of retaining the loop in position.

3. A sock suspender having its parts

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constructed and arranged substantially as hereinbefore described and illustrated by way of example in the accompanying drawing for the purpose specified.

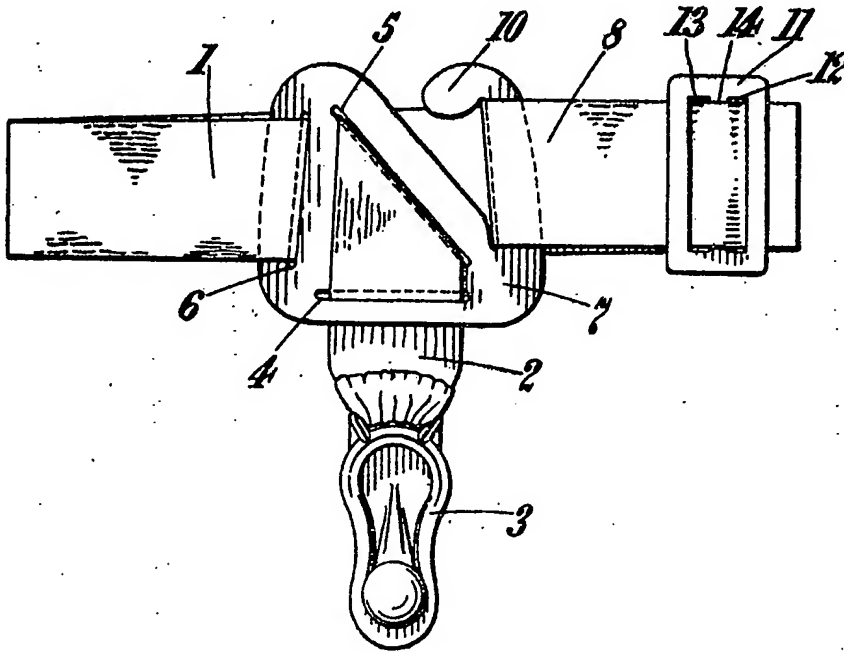
Dated the 10th day of April, 1928.

For E. E. RIGOLD,

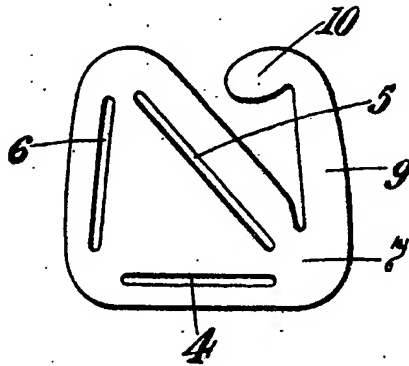
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*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



[This Drawing is a full-size reproduction of the Original.]

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